

Abstract of the Disclosure

This invention relates to a novel design of reinforced soil arch which can be used to construct bridges, overpasses, snowsheds, landslide or rock fall protection structures, and the like. More particularly, this invention pertains to an innovative use of mineral soil (clay, silt, sand, gravel, cobbles, boulders, broken rock or mixtures of any or all of the foregoing) to construct a reinforced soil arch that can be used for numerous purposes. A method of constructing a reinforced soil arch comprising constructing an arch utilizing a combination of layers of compacted mineral soil and reinforcement in a manner that supports both the dead load of the structure and a live load imposed on the structure.